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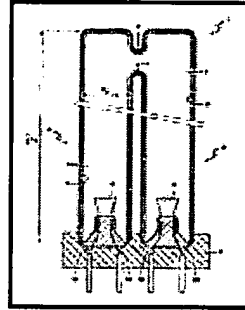
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Abstract :

(57) Low-pressure mercury vapor discharge lamp has a discharge vessel (1) enclosing a discharge space (3) provided with an inert gas mixture and mercury. A first portion (11) of the discharge vessel is provided with a first electrode (12) and a luminescent layer (16), radiating light in a first range of the electromagnetic spectrum. A second portion (21) of the discharge vessel is provided with a second electrode (22), radiating light in a second range of the electromagnetic spectrum, said second range being different from the first range. According to the invention, the low-pressure mercury vapor discharge lamp comprises current supply conductors (12A, 12B; 22A, 22B) for receiving a DC current, and the discharge space contains only two electrodes (12, 22). The discharge lamp has a variable color temperature. Preferably, the discharge lamp influences the melatonin cycle in a human subject. Preferably, the lumen output level is independent of temperature.



Français

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